

2-14.A

PA COUNTIES TWENTY-FOUR HOUR RAINFALL PER FREQUENCY

COUNTY	1-Yr	2-Yr	5-Yr	10-Yr	25-Yr
Adams	2.8	3.4	4.2	4.9	6.0
Allegheny	2.0	2.4	2.9	3.4	4.0
Armstrong	2.1	2.5	3.1	3.5	4.2
Beaver	2.0	2.4	2.9	3.4	4.0
Bedford	2.3	2.8	3.5	4.0	4.8
Berks	2.8	3.4	4.2	4.9	6.0
Blair	2.3	2.8	3.5	4.0	4.8
Bradford	2.2	2.6	3.2	3.7	4.3
Bucks	2.8	3.4	4.3	5.1	6.2
Butler	2.0	2.4	3.0	3.4	4.1
Cambria	2.3	2.8	3.5	4.0	4.8
Cameron	2.2	2.6	3.2	3.7	4.4
Carbon	2.9	3.5	4.4	5.1	6.3
Centre	2.6	3.1	3.9	4.5	5.6
Chester	2.8	3.3	4.1	4.9	6.1
Clarion	2.1	2.5	3.1	3.5	4.2
Clearfield	2.2	2.6	3.2	3.7	4.4
Clinton	2.6	3.1	3.8	4.4	5.4
Columbia	2.7	3.2	3.9	4.6	5.7
Crawford	2.1	2.5	3.1	3.6	4.3
Cumberland	2.8	3.3	4.2	4.9	6.0
Dauphin	2.6	3.1	3.9	4.6	5.7
Delaware	2.8	3.3	4.1	4.9	6.0
Elk	2.2	2.6	3.2	3.7	4.4
Erie	2.2	2.6	3.2	3.7	4.5
Fayette	2.2	2.6	3.1	3.6	4.3
Forest	2.1	2.5	3.0	3.5	4.1
Franklin	2.8	3.4	4.2	4.9	6.0
Fulton	2.4	2.9	3.7	4.2	5.1
Greene	2.1	2.5	3.1	3.5	4.1
Huntingdon	2.3	2.8	3.5	4.1	4.9
Indiana	2.2	2.6	3.2	3.8	4.6
Jefferson	2.1	2.5	3.1	3.6	4.3
Juniata	2.6	3.1	3.9	4.5	5.6
Lackawanna	2.7	3.2	4.0	4.7	5.8
Lancaster	2.7	3.2	4.1	4.9	6.1
Lawrence	2.0	2.4	3.0	3.4	4.1
Lebanon	2.7	3.2	4.0	4.7	5.7
Lehigh	2.8	3.3	4.2	4.9	6.0
Luzerne	2.9	3.5	4.3	5.1	6.3
Lycoming	2.6	3.1	3.8	4.4	5.4
McKean	2.1	2.5	3.1	3.6	4.3

PA COUNTIES TWENTY-FOUR HOUR RAINFALL PER FREQUENCY

COUNTY	1-Yr	2-Yr	5-Yr	10-Yr	25-Yr
Mercer	2.1	2.5	3.0	3.5	4.1
Mifflin	2.5	3.0	3.7	4.4	5.4
Monroe	2.8	3.3	4.2	4.9	6.0
Montgomery	2.8	3.3	4.2	5.0	6.1
Montour	2.4	2.9	3.6	4.2	5.2
Northhampton	2.8	3.3	4.2	4.9	6.0
Northumberland	2.6	3.1	3.8	4.5	5.5
Perry	2.4	2.9	3.7	4.3	5.3
Philadelphia	2.8	3.3	4.2	5.0	6.1
Pike	2.7	3.2	3.9	4.6	5.7
Potter	2.2	2.6	3.2	3.8	4.5
Schuylkill	2.9	3.5	4.4	5.1	6.4
Snyder	2.7	3.2	4.0	4.7	5.7
Somerset	2.3	2.7	3.3	3.9	4.7
Sullivan	2.7	3.2	3.9	4.6	5.4
Susquehanna	2.5	3.0	3.7	4.3	5.3
Tioga	2.2	2.6	3.2	3.7	4.4
Union	2.6	3.1	3.9	4.5	5.6
Venango	2.1	2.5	3.0	3.5	4.1
Warren	2.1	2.5	3.1	3.6	4.3
Washington	2.0	2.4	3.0	3.4	4.0
Wayne	2.7	3.2	3.9	4.6	5.7
Westmoreland	2.2	2.6	3.2	3.8	4.6
Wyoming	2.5	3.0	3.7	4.3	5.2
York	2.7	3.2	4.1	4.9	6.1

There is too much variation across certain counties to allow for an accurate statement of a singular county value of rainfall depth for the 24-hr, 50 and 100-year frequency storms.

The user is directed to the following website at which they can enter the design site's lat/long coordinates to derive these values:

http://hdsc.nws.noaa.gov/hdsc/pfds/orb/pa_pfds.html